

D. Johnson
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Patent

Attorney's Docket No. 040001-050

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Erik DAHLMAN et al.) Group Art Unit: UNASSIGNED
Application No.: UNASSIGNED) Examiner: UNASSIGNED
Filed: June 5, 2001)
For: METHODS AND ARRANGEMENTS IN)
A TELECOMMUNICATIONS SYSTEM)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 1-19, and add new claim 20, as follows:

1. (Amended) A method of transmitting information in a radio communication system comprising at least one transmitter and at least one receiver, the method comprising the steps of:

transmitting first information in a first channel from the at least one transmitter to the at least one receiver, using in the transmitting a modulation and/or coding scheme and adapting the modulation and/or coding scheme to give a secure communication of the first information, and

transmitting second information in a second channel from the at least one transmitter to the at least one receiver and setting the power used for transmitting in the second channel to give a secure communication of the second information, wherein in the step of transmitting, the first information, the choice of the modulation and/or coding scheme is controlled by the level of the power at each instant set for transmitting in the second channel.

2. (Amended) A method according to claim 1, wherein the second channel is transmitted from the same transmitter as the first channel.

3. (Amended) A method according to claim 1, wherein the second channel is transmitted from one of a plurality of transmitters, comprising the transmitter that transmits the first channel.